

U.S. Appl. No. 10/092,830  
Reply to Office Action dated July 26, 2006

PATENT  
450100-03808

### **IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

#### **Listing of Claims**

1. (Original) A router comprising:  
routing means for routing an IP packet;  
an infrared-ray-emitting unit for emitting an infrared ray to an external apparatus;  
and  
control means for controlling said infrared-ray-emitting unit to emit an infrared ray based on a signal for controlling said external apparatus in accordance with data included in an IP packet received by said routing means.
2. (Original) A router according to claim 1, wherein an apparatus exchanging an IP packet with said routing means is a computer.
3. (Original) A router according to claim 2, wherein a control protocol adopted between said router and said computer is an RTSP (Real Time Streaming Protocol).
4. (Previously Presented) A router according to claim 2, said router further comprising:  
an input unit for inputting an analog signal output by said external apparatus; and

U.S. Appl. No. 10/092,830  
Reply to Office Action dated July 26, 2006

PATENT  
450100-03808

conversion means for converting said input analog signal into a digital signal,  
which is disassembled into IP packets to be output to said computer.

5. (Original) A router according to claim 4, wherein said external apparatus  
is an audio/video apparatus.

6. (Currently Amended) A router according to ~~any one of claims 1 to~~  
5Claim 1, wherein said infrared-ray-emitting unit can be mounted on and dismounted from a  
main body of said router.

7. (Currently Amended) A router according to ~~any one of claims 1 to~~  
6Claim 1, said router having a plurality of said infrared-ray-emitting units, which can each be  
mounted on and dismounted from a main body of said router.

8. (Original) A router comprising:  
an infrared-ray-emitting device for controlling an external apparatus; and  
an analog input port for receiving an analog signal from said external apparatus.

9. (Original) A router according to claim 8, wherein said analog input port  
comprises an audio-signal input sub-port for inputting an analog signal and a video-signal input  
sub-port for inputting a video signal.

U.S. Appl. No. 10/092,830  
Reply to Office Action dated July 26, 2006

PATENT  
450100-03808

10. (Original) A method for controlling an audio/video apparatus by using a router, comprising the steps of:

emitting an infrared ray based on a signal for controlling said audio/video apparatus from said router to said audio/video apparatus in accordance with a request made by a computer connected to said router;

driving said router to convert an analog signal supplied by said audio/video apparatus as a result of execution of an operation at said above step to said router into a digital signal; and

outputting said digital signal obtained as a result of conversion from said router to said computer.